

ABSTRACT OF THE DISCLOSURE

An exposing apparatus for a microlens array allows for easy alignment and attains high accuracy. An exposing method for a microlens array attains high accuracy and high light efficiency. The exposing apparatus for a microlens array includes a micro fly-eye lens for converting a light beam from a light source into a secondary point light source, a transmittance distribution mask for adjusting the luminance of the light of the secondary point light source, and a collimator lens for converting the light of adjusted luminance into a parallel light beam and for guiding the parallel light beam, via a first microlens array which is formed in advance, to a photosensitive resin layer to be a second microlens array. The light emitted from the light source is transmitted through the micro fly-eye lens, the transmittance distribution mask, and the collimator lens. The light is then adjusted to a desired luminance to expose the photosensitive resin of a microlens substrate.